

Distributed Tag Reader Network

Abstract

5 A method and system for conducting an inventory of items by a network
tag reader, wherein a tag is attached to each item and each tag is permanently
assigned a tag identification number (Tag ID). A method according to the present
invention includes selecting one of a plurality of remote access sensor modules,
where the selected remote access sensor module has a coverage pattern that
10 defines a physical area. The method also includes interrogating tags through the
selected remote access sensor module. These tags are within the physical area
defined by the coverage pattern. As a result of the interrogating step, the network
tag reader receives information regarding these tags. This information is stored
in a plurality of inventory records.

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